

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-8. (Cancelled)

9. (new) A patterning phase difference plate, comprising:

an alignment film provided on a substrate material, the alignment film having a first alignment region and a second alignment region, the first alignment region and the second alignment region having different alignment directions;

a liquid crystal layer provided on the alignment film; and

an alignment mark for use in bonding the patterning phase difference plate to another member,

one of the first alignment region and the second alignment region being provided in the region of the alignment mark, the other of the first alignment region and the second alignment region being provided in the region surrounding the alignment mark.

10. (new) A liquid crystal display panel, comprising: a patterning phase difference plate used as a parallax barrier, the patterning phase difference plate including

an alignment film provided on a substrate material, the alignment film having a first alignment region and a second alignment region, the first alignment region and the second alignment region having different alignment directions;

a liquid crystal layer provided on the alignment film; and

an alignment mark for use in bonding the patterning phase difference plate to another member,

one of the first alignment region and the second alignment region being provided in the region of the alignment mark, the other of the first alignment region and the second alignment region being provided in the region surrounding the alignment mark.

- 11.(new) A production method for a patterning phase difference plate including

an alignment film provided on a substrate material, the alignment film having a first alignment region and a second alignment region, the first alignment region and the second alignment region having different alignment directions;

a liquid crystal layer provided on the alignment film; and
time of 3D display; and

a switching liquid crystal panel which switches between 2D display and 3D display by enabling or disabling an effect of the parallax barrier,

one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel being provided closer to a light source than the other, a liquid crystal layer in said one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel having a transition point higher than that of a liquid crystal layer in the other.

12. (new) A 2D/3D switching type liquid crystal display panel, comprising:

a display-use liquid crystal panel capable of performing 2D display and 3D display, the display-use liquid crystal panel generating a display image in accordance with image data inputted;

a parallax barrier which attains a 3D effect by giving a certain viewing angle to the display image at a time of 3D display; and

a switching liquid crystal panel which switches between 2D display and 3D display by enabling or disabling an effect of the parallax barrier,

one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel being provided closer to a light source than the other, a liquid crystal layer in said one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel having a transition point higher than that of a liquid crystal layer in the other.

13. (new) A 2D/3D switching type liquid crystal display unit, comprising:

2D/3D switching type liquid crystal display panel including

a display-use liquid crystal panel capable of performing 2D display and 3D display, the display-use liquid crystal panel generating a display image in accordance with image data inputted;

a parallax barrier which attains a 3D effect by giving a certain viewing angle to the display image at a time of 3D display; and

a switching liquid crystal panel which switches between 2D display and 3D display by enabling or disabling an effect of the parallax barrier,

one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel being provided closer to a light source than the other, a liquid crystal layer in said one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel having a transition point higher than that of a liquid crystal layer in the other.

14. (New) A liquid crystal display panel, comprising:

a display-use liquid crystal panel which generates two display images in accordance with image data inputted;

parallax barrier means which separates the two display images into different viewing angles; and

a switching liquid crystal panel which enables or disables an effect of the parallax barrier means,

one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel being provided closer to a light source than the other, a liquid crystal layer in said one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel having a transition point higher than that of a liquid crystal layer in the other.

15. (New) A liquid crystal display device, comprising:

a liquid crystal display panel including

a display-use liquid crystal panel which generates two display images in accordance with image data inputted;

parallax barrier means which separates the two display images into different viewing angles; and

a switching liquid crystal panel which enables or disables an effect of the parallax barrier means,

one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel being provided closer to a light source than the other, a liquid crystal layer in said one of (a) the display-use liquid crystal panel and (b) the switching liquid crystal panel having a transition point higher than that of a liquid crystal layer in the other.